

Converting Colors

Hex(7DE0DB)

Have a look what the booklet for
Hex(7DE0DB) contains.

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Color

Hex(7DE0DB)

Conversions

Conversions Part 1

Format	Color
Hex	7DE0DB
RGB	125, 224, 219
RGB Percent	49%, 88%, 86%
CMY	0.5098, 0.1216, 0.1412
CMYK	0.44, 0.00, 0.02, 0.12
HSL	177°, 61%, 68%
HSV	177°, 44%, 88%
XYZ	47.8993, 62.7858, 76.6121
YIQ	193.8290, -57.3990, -22.5430

Conversions

Conversions Part 2

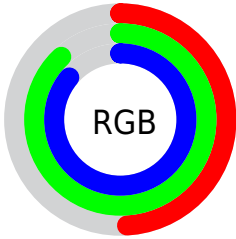
Format	Color
R_{YB}	125, 176, 224
Decimal	8249563
CIE _{Lab}	83.33, -30.25, -6.63
CIE _{LCh}	83, 30.969, 192.359
Yxy	62.7858, 0.2557, 0.3352
Android (android.graphics.Color)	4286439643 (0xFF7DE0DB)
YUV	193.8290, 12.4093, -60.3630
Hunter-Lab	79.2375, -30.7618, -1.8594

Details

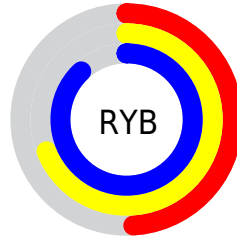
The Hex color **7DE0DB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E07D82**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **B7FFFF**, and **42A8A4** is the 20% darker color. If you saturate the color by 10%, you get **67E0DA**, and if you desaturate by 10%, it is **93E0DC**.

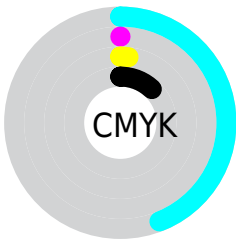
Distribution



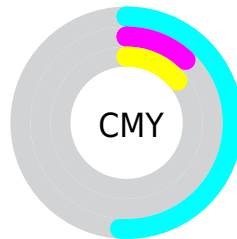
- Red (49%)
- Green (88%)
- Blue (86%)



- Red (49%)
- Yellow (69%)
- Blue (88%)



- Cyan (44%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (51%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DE0DB changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7DE0DB by changing the saturation by 10% instead.

 7DE0DB

 7DE0DB

FFFFFF

 60C4BF

 B7FFFF

 42A8A4

 D4FFFF

 1E8E8A

 F2FFFF

 007470

 005B58

 004341

 002C2B

 001517

 000000

 7DE0DB

 7DE0DB

 67E0DA

 93E0DC

 50E0D9

 AAE0DD

 3AE0D8

 C0E0DE

 23E0D6

 D7E0E0

 0DE0D5

 EDE0E1

 00E0D5

 FFE0E2

 FFE0E3

 FFE0E4

 FFE0E5

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97DFBD



7DE0DB



7ADEF6

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7DE0DB



E3C4FB



F4C899

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7DE0DB



E07D82

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBFAA



7DE0DB



FFBCE2

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7DE0DB



BCCEFF



FFBAC4



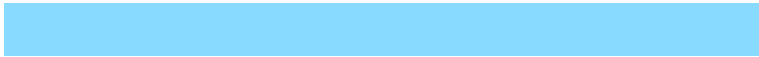
D8D296

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7DE0DB



89DAFF



FFBAC4



FBC59D

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7DE0DB



DEFFFD



84E07D



6B807E



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7DE0DB



78FFF8



7DB5E0



657070



00B0A7



00302E

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E07D82



FF787F



E0A87D



706566



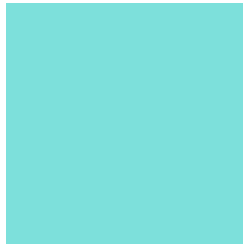
B00009



300002

Previews

White Background



This preview shows how the Hex color 7DE0DB looks on a white background.

Color Contrast Check

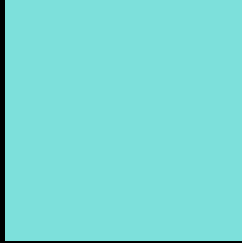
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7DE0DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7DE0DB Background



This preview shows how black text looks on a background with the Hex color 7DE0DB.

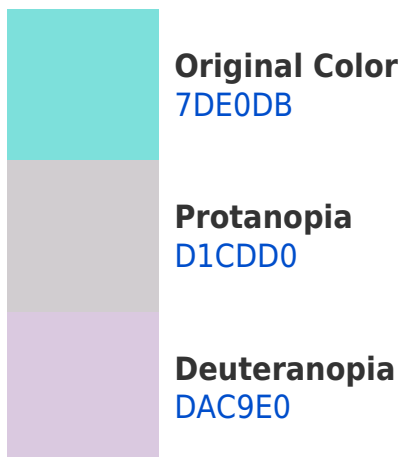


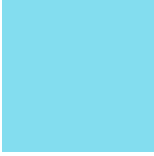
This preview shows how white text looks on a background with the Hex color 7DE0DB.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
83DDEF

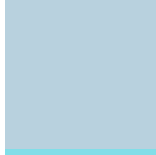
Trichromacy



Original Color
7DE0DB



Protanomaly
B2D4D4



Deuteranomaly
B8D1DE

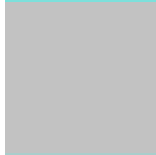


Tritanomaly
81DEE8

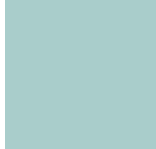
Monochromacy



Original Color
7DE0DB



Achromatopsia
C2C2C2



Achromatomaly
A9CDCB

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DE0DB is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7DE0DB looks like.

```
.text, #text, p{  
    color:#7DE0DB  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7DE0DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE0DB
}
```

Border

The CSS property to change the border of an element to Hex 7DE0DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7DE0DB }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7DE0DB }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #7DE0DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE0DB; -webkit-box-shadow:4px 4px  
4px 4px #7DE0DB; box-shadow:4px 4px 4px  
4px #7DE0DB }
```

Background

The CSS property to change the background color of an element to Hex 7DE0DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE0DB }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7DE0DB }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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